

Converting Colors

HunterLab(64.6156, -17.5985,
-10.6328)

Have a look what the booklet for
HunterLab(64.6156, -17.5985,
-10.6328) contains.

HunterLab(64.6143, -17.5980, -10.6339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.6143,
-17.5980, -10.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	74B7C8
RGB	116, 183, 200
RGB Percent	45%, 72%, 78%
CMY	0.5451, 0.2823, 0.2157
CMYK	0.42, 0.08, 0.00, 0.22
HSL	192°, 43%, 62%
HSV	192°, 42%, 78%
XYZ	34.5612, 41.7501, 60.8805
YIQ	164.9050, -45.3890, -8.9170

Conversions

Conversions Part 2

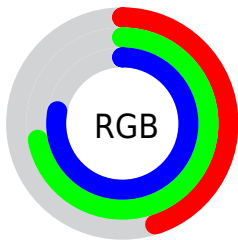
Format	Color
RYB	116, 153, 200
Decimal	7649224
CIELab	70.70, -16.82, -15.29
CIELCh	71, 22.729, 222.262
Yxy	41.7517, 0.2519, 0.3043
Android (android.graphics.Color)	4285839304 (0xFF74B7C8)
YUV	164.9050, 17.3018, -42.8897
Hunter-Lab	64.6143, -17.5980, -10.6339

Details

The HunterLab color **64.6143, -17.5980, -10.6339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.0600, 18.2794, 16.4542**, and the grayscale version is **61.2469, -3.2680, 3.3277**.

A 20% lighter version of the original color is **88.1610, -20.7935, -9.6652**, and **43.6265, -14.5827, -10.3307** is the 20% darker color. If you saturate the color by 10%, you get **62.3536, -19.3415, -13.8761**, and if you desaturate by 10%, it is **67.0573, -15.2385, -7.2612**.

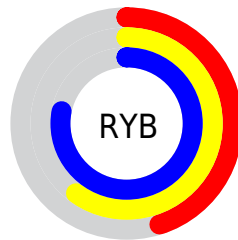
Distribution



Red (45%)

Green (72%)

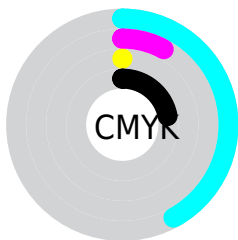
Blue (78%)



Red (45%)

Yellow (60%)

Blue (78%)

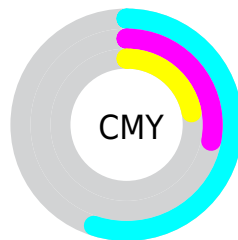


Cyan (42%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6143, -17.5980, -10.6339 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 64.6143, -17.5980, -10.6339 by changing the saturation by 10% instead.

■ 64.6143, -17.5980,
-10.6339

■ 64.6143, -17.5980,
-10.6339

188.0033,
-30.7120, -8.9673

■ 53.7651, -16.0990,
-10.5545

■ 88.2177, -20.5411,
-10.6066

■ 43.6009, -14.5683,
-10.4089

■ 100.9057,
-21.9965, -10.5106

■ 34.1728, -12.9917,
-10.1910

■ 114.1497,
-23.4470, -10.3640

■ 25.5435, -11.3463,
-9.8973

127.9272,
-24.8956, -10.1699

■ 17.7951, -9.5940,
-9.5304

142.2183,
-26.3447, -9.9309

■ 11.0424, -7.7634,
-9.1195

157.0052,

■ 2.7826, -4.8695,

-27.7962, -9.6495

-22.8876

172.2717,
-29.2515, -9.3277

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6143, -17.5980,
-10.6339

■ 64.6143, -17.5980,
-10.6339

■ 62.3536, -19.3415,
-13.8761

■ 67.0573, -15.2385,
-7.2612

■ 60.2754, -20.4349,
-16.9673

■ 69.6726, -12.3034,
-3.7847

■ 58.3819, -20.8607,
-19.8848

■ 72.4541, -8.8399,
-0.2249

■ 56.6698, -20.6224,
-22.6122


■ 75.3935, -4.8966,
3.3988


■ 55.1289, -19.7544,

■ 78.4824, -0.5208,

-25.1444


7.0700

 53.9894, -18.7209,
-27.0689

 81.7120, 4.2422,
10.7751

 84.9617, 8.9780,
14.3770

 86.1542, 6.8227,
15.6019

 87.3597, 4.6754,
16.8261

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.6156, -21.8590, -0.6559



64.6143, -17.5980, -10.6339



64.6156, -9.4331, -17.3578

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6156, -17.5985, -10.6328



64.6156, 16.7257, -2.5527



64.6156, -7.6448, 19.4853

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.6143, -17.5980, -10.6339



55.0600, 18.2794, 16.4542

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6156, 2.7566, 19.1427



64.6143, -17.5980, -10.6339



64.6156, 17.2801, 7.4293

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6156, -17.5985, -10.6328



64.6156, 10.5589, -12.2093



64.6156, 12.0288, 15.0500



64.6156, -16.3608, 16.0742

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6143, -17.5980, -10.6339



64.6156, -2.6598, -18.5312



64.6156, 12.0288, 15.0500



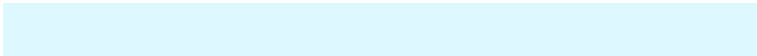
64.6156, -4.2388, 19.7880

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.6156, -17.5985, -10.6328



94.8895, -12.2072, -0.8572



68.3450, -35.8252, 22.2982



43.5152, -6.1382, -0.8844

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.6156, -17.5985, -10.6328



82.4131, -25.2027, -17.7218



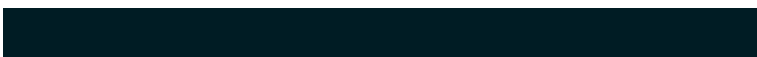
51.9548, 2.4717, -30.3015



34.1890, -3.6666, 0.3358



43.2009, -15.1334, -21.3287



9.8934, -3.9532, -3.8321

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.0944, 36.8996, -16.6668



64.9896, 59.4814, -26.6728



66.4255, -2.6725, 26.1352



32.8305, 2.2863, -0.3475



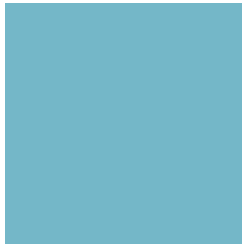
30.6986, 57.8375, -20.9782



6.7515, 12.8379, -5.5268

Previews

White Background



This preview shows how the HunterLab color 64.6143, -17.5980, -10.6339 looks on a white background.

Color Contrast Check

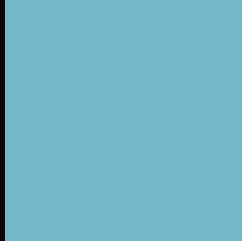
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.6143, -17.5980, -10.6339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

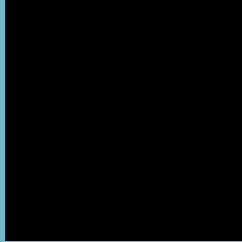
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.6143, -17.5980, -10.6339 Background



This preview shows how black text looks on a background with the HunterLab color 64.6143, -17.5980, -10.6339.



This preview shows how white text looks on a background with the HunterLab color 64.6143, -17.5980, -10.6339.

-17.5980, -10.6339.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.6143, -17.5980, -10.6339

Protanopia

64.3169, -0.3219, -6.3454

Deuteranopia

64.2773, 4.8100, -12.4245



Tritanopia

64.4896, -18.2038, -9.6991

Trichromacy



Original Color

64.6143, -17.5980, -10.6339

Protanomaly

64.0969, -7.0194, -8.3845

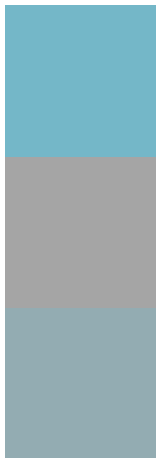
Deuteranomaly

63.9716, -3.8511, -12.4362

Tritanomaly

64.5254, -17.9991, -10.2036

Monochromacy



Original Color

64.6143, -17.5980, -10.6339

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

62.3879, -9.5511, -1.7522

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6143, -17.5980, -10.6339 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 183, 200)` looks like.

```
.text, #text, p{  
    color:rgb(116, 183, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 183, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 183, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6143, -17.5980, -10.6339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 183, 200) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 183, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 183, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 183, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 183, 200);  
box-shadow:4px 4px 4px 4px rgb(116, 183,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6143, -17.5980, -10.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 183, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
183, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor